

**QUALITY CERTIFICATE**

Product name: CITRIC ACID MONOHYDRATE  
Quality: Ph.Eur.11.0.  
Package: 1000 g  
Formula:  $C_6H_8O_7 \cdot H_2O$   
Rel. mol. weight: 210,14  
Lot No.: GL5161177  
Manufacturing date: 08.2023.  
Expiry date: 07.03.2027. (DMY)  
Anal. No.: 17553H61177

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance:	white or almost white crystalline powder or colourless crystals	white crystalline powder
Identification test 'A'	identical	identical
Identification test IR	identical	identical
Identification test 'C'	identical	identical
Assay	99,5-100,5 %	99,89 %
Appearance of solution	clear (<math>Y_7</math>, <math>BY_7</math> or <math>GY_7</math>)	passes test
Readily carbonisable substances	passes test	passes test
Oxalic acid	max.360 ppm	<math><10</math> ppm
Sulfate	max.150 ppm	<math><150</math> ppm
Aluminum (Al)	max.0,2 ppm	<math><0,2</math> ppm
Water (KF.)	7,5-9,0 %	8,2461 %
Sulphated ash	max.0,1 %	0,039 %
Heavy metals (Pb)	max.0,0002 %	<math><0,0002</math> %

**The Product complies with the requirements of Ph.Eur.11.0.**

Kiállítva: Halásztelek, 2024.03.08.

  
Nagy Balázs

minőségbiztosítási vezető

**Molar Chemicals Kft.**  
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